



# भारत का राजपत्र

## The Gazette of India

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No. 9] NEW DELHI, SATURDAY, FEBRUARY 28, 1976 (PHALGUNA 9, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 28th February, 1976

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

22nd January, 1976

- 120/Cal/76. Jagat Seth. Improvements in or relating to dynamometers.
- 121/Cal/76. Inventa A.G. Für Forschung Und Patentverwertung. Process for preparing cyclohexanon.
- 122/Cal/76. Evolution S. A. "Yarn winding apparatus".
- 123/Cal/76. United Technologies Corporation. Pressurized Fuel Cell Power Plant.
- 124/Cal/76. Hoechst Aktiengesellschaft. Process and device for impregnating or coating textile material. [Addition to No. 2759/Cal/74].
- 125/Cal/76. Johannes Zimmer. Rotary printing machine.
- 126/Cal/76. Paclene Company Limited. A Dispenser. (January 23, 1975).
- 127/Cal/76. G. D. Societa' per Azioni. Improved device for co-ordinating articles supplied in bulk and for successively supplying them one by one to a wrapping machine, particularly for chocolates and the like products.
- 128/Cal/76. G. D. Societa' per Azioni. Improvement in an apparatus for producing the so-called inner ele-

ments or collars in cigarette packaging machines for forming stiff packets of cigarettes of hinged-lid type.

- 129/Cal/76. G. D. Societa' per Azioni. Device for reducing noise in gear wheel couplings, with a high safety degree.
- 130/Cal/76. Pfizer Inc. Process for preparing sulfamylbenzoic acids. [Divisional date Dec. 24, 1973]
- 131/Cal/76. Pfizer Inc. Process for preparing sulfamylbenzoic acids. [Divisional date 24th Dec. 1973]
- 132/Cal/76. Bayer Aktiengesellschaft. Process for the preparation of hydrazodicarboxylic acid amide. (October 13, 1975).
- 133/Cal/76. J. G. Maliakal and Mrs. R. G. Maliakal. "Sino-graph".

24th January, 1976

- 134/Cal/76. Continental Can Company, Inc. Improvements in bottom structures for plastic containers and molds therefor.
- 135/Cal/76. Omni-Lift, Inc. Method and apparatus for cleaning conveyor belts.
- 136/Cal/76. Raymond Associates Inc. Metallic coating of metal tubes and similar work pieces.
- 137/Cal/76. Malhati Tea & Industries Ltd., "An inverse-time definite minimum relay for overcurrent protection".
- 138/Cal/76. Harbans Lal Malhotra & Sons Pvt. Ltd., "Improvements of cutting edges by ion implantation".

27th January, 1976

- 139/Cal/76. Nagendra Kumar Singh. "Improved Mechanical Power Transmission for Two Wheelers/Automobiles etc. by Automatic Torque Converter."
- 140/Cal/76. Scheweizerische Isola-werke. "Mica paper containing cellulose".
- 141/Cal/76. D. Francisco Alcala Pecero. "A new bladder capable of being displaced through a longitudinal rolling motion"
- 142/Cal/76. Imperial Chemical Industries Limited. Heterocyclic compounds. (January, 31st, 1975).
- 143/Cal/76. Miner Enterprises, Inc., "Draft gear Mechanism and Method of Assembling Same".
- 144/Cal/76. The Registrar, Jadavpur University. (2) Dr. Ram Narayan Mukherjee and Prabir Kumar Sarkar. "A process for production of semisolid high voltage cable joining compound containing polymeric constituents".

28th January, 1976

- 145/Cal/76. Union Carbide India Limited. Improvements in or relating to method of manufacture of para-tertiary butyl phenol.
- 146/Cal/76. P. C. I. Mistry. Automatic device for enlightenment and delighenment during failure and resumption of electric supply.
- 147/Cal/76. Mrs. Raj Kumari Singh, (2) Mr. K. B. Gogia and Mr. R. Bansal.—"Quickfloc Polymix".
- 148/Cal/76. Przedsiębiorstwo Projektowania I Dostaw Kompletnych Obiektów Przemysłowych "Chemadex". "Process for the simultaneous manufacture of phosphoric acid or the salts thereof and a complex multi-component mineral fertilizer".
- 149/Cal/76. J. W. Middlemas and E. C. Jope. "Apparatus and process for firing a furnace".
- 150/Cal/76. M. M. Walla, "Air conditioning apparatus".
- 151/Cal/76. Institut Sverkhtrudovkh. Material low Akademii Nauk Ukrainskoi SSR. "Method of making superhard articles".
- 152/Cal/76. Hoechst Aktiengesellschaft. "Process for the preparation of water-soluble azo dyestuffs".
- 153/Cal/76. Hoechst Aktiengesellschaft. "Process for preparing laked Azo dyestuffs".
- 154/Cal/76 Hoechst Aktiengesellschaft. "Liquid compositions of fiber-reactive azo dyes".
- 155/Cal/76. Veb Wirkmaschinenbau Karl-Mark Stadt. "Process and device for separating threads, fibres or flat shaned articles of preferably synthetic textile materials, especially for separating pile loops on the pile knitting machines".
- 156/Cal/76. Metallgesellschaft A. G., "Black Liquor, Concentration and Deodorization".
- 157/Cal/76. Metallgesellschaft A. G., "Process and apparatus for transforming black liquor of high viscosity into a pumpable state".
- 158/Cal/76. American Home Products Corporation. Process for the preparation of semi synthetic cephalosporins. [Divisional date April, 17, 1973].
- 159/Cal/76. Bayer Aktiengesellschaft. "Process for removing water-soluble ionic compounds from aqueous solutions by means of ultrafiltration".
- 160/Cal/76 The Parker Pen Company. "Modular writing pen."
- 161/Cal/76 G. D. Miller. "Traction Motor Suspension Bearing Lubrication".

## APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

9th January, 1976

- 10/Bom/76. C. S. Patel & R. S. Patel. Pilfer proof closures.

13th January, 1976

- 11/Bom/76. V. Parthasarathy. Moped Trolley (cycle trolley fitted with petrol engine as optional requirement) for use on Railway track.
- 12/Bom/76. B. G. Desai. "Water cooled three phase squirrel cage induction motor for pumping water".
- 13/Bom/76. S. D. Khambata. "Quick start transformer for florescent tubes.
- 14/Bom/76. D. E. Nelson. "A positive displacement pump for injecting fuel oil, water and/or gas into an internal combustion engine or other engine, the capacity of the pump being capable of adjustment while the engine is running, by adjustment of plunger stroke length.

14th January, 1976

- 15/Bom/76. K. D. Kalra. "A Hydraulic device".
- 16/Bom/76. J. N. Gadre and V. M. Sheth. "A Negative phase sequence relay to protect three phase induction motors".
- 17/Bom/76. Haffkine Institute for Training, Research and Testing. "The preparation of  $\alpha$ -Phenyl-1-aziridineethanol".

15th January, 1976

- 18/Bom/76. M. Haffzuddin. "Improvements in or relating to physical exercisers".
- 19/Bom/76. J. J. Patel. "Heating Gobargas or bio-gas anaerobic digesters with solar energy".

17th January, 1976

- 20/Bom/76. M/s Microelectronics Laboratories, and Dr. W. J. Jirafe. Deposition of Thin Films on Glass Epoxy Laminates and Utilization thereof for Electrical and Electronic Components".
- 21/Bom/76. Ciba-Geigy of India Limited. "Process for the manufacture of Nitroimidazoles". [Divisional date 13th August 1973].
- 22/Bom/76. Ciba-Geigy of India Limited. "Process for the manufacture of Nitroimidazoles". [Divisional date 13th August 1973].
- 23/Bom/76. Rexello Industries. "A conduit for protecting insulated electric wires".
- 24/Bom/76. R. S. Patel. "Automatically operating Cock Valve, Tap or the like".

19th January, 1976

- 25/Bom/76. Multi-Chem Research Centre Perfumery derivatives of isolongifolene (I)—B-Oxo-Isolongifolanes.

20th January, 1976

- 26/Bom/76. M. A. Patani. Improvements in or relating to portable gas stoves.

21st January, 1976

- 27/Bom/76. D. Karmalkar. Match-stick (both ends dipped in sulphur)-drawer and bottled match-stick ignition glue.

23rd January, 1976

- 28/Bom/76. G. M. Kamat. Improved kerosene gas operated stoves, hot plates and the like.

24th January, 1976

- 29/Bom/76. Bhabha Atomic Research Centre. The manufacture of "carbon block/brick refractory".
- 30/Bom/76 N. R. Joshi. Flexible flat multiconductor cable for electronic/electrical equipment.

## APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

19th January, 1976

- 11/Mas/76. D. S. Sampson. "Samyo Autolarm for Electronic protection of Cars".

20th January, 1976

- 12/Mas/76. B. R. Chandrasekhar. "Automatic all purpose Electric Cooker".

22nd January, 1976

- 13/Mas/76. S. Gopalakrishna Iyer. "Improvements in or relating to fluorescent lamps (tube-lights)".

23rd January, 1976

- 14/Mas/76. J. Pougault. "A mechanical arrangement to house an electronic system using a row of light sensitive devices in Electronic Area Measuring Machines".

24th January, 1976

- 15/Mas/76. The Indian Space Research Organisation. "Production of Hydrocarbons".
- 16/Mas/76. The Indian Space Research Organisation. "Production of polyols".

## ALTERATION OF DATE

138588.

924/Cal/75.

Ante-dated to 20th July, 1972.

138591.

1669/Cal/75.

Ante-dated to 16th April, 1973.

138593.

774/Cal/74.

Ante-dated to 20th October, 1971.

138597.

777/Cal/74.

Ante-dated to 16th December, 1971.

138608.

1571/Cal/74.

Ante-dated to 28th April, 1969.

138614.

1536/Cal/75.

Ante-dated to 28th February, 1973.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta,

in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 40-I. I.C. D21h 1/00.

138578

Applicant & Inventor : A PROCESS FOR PREPARING CHEMICALLY IMPREGNATED PAPERS FOR BIOLOGICAL STAINING PROCEDURES.

GORDHAN BAXIRAM GELOT OF 13, PADAMSHRI EKSAR ROAD BORIVLI (WEST) BOMBAY-400 092, MAHARASHTRA, INDIA.

Application No. 196/BOM/1973 filed June 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2 Claims

A process for preparing chemically impregnated papers in dry form for biological staining procedures comprising submerging absorbent papersheets in stain solution taken in stainless steel or glass trays, prepared by dissolving chemical stains such as crystal violet, safranin, iodine and the like in a solvent such as methyl alcohol and/or distilled water and the like, so that the solution ranges from 0.2-2.5% in strength, removing the paper sheets from the trays after being completely saturated with the stain solution, drying them at 40°C in an oven until moisture free, and finally cutting them in suitable sizes for use on microscopic glass slide.

CLASS 70C., I.C. C23b 5/10, 5/12.

138579.

IMPROVEMENTS IN OR RELATING TO THE PROCESS OF ELECTRODEPOSITION OF BRIGHT ZINC FROM ACID BATHS.

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFTI MARG, NEW DELHI-1, INDIA.

Inventors : Baikunje Anantha Sheno, (Mrs.) Malathy Pushpavanam and Handady Venkatakrishna Udupa.

Application No. 1292/72 filed August 30, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A process for the electrodeposition of bright zinc in an acid bath containing a brightener characterized in that the electrolytic bath consists of zinc sulphate 250-350 g/l, sodium chloride 5-15 g/l, aluminium sulphate 10-30 g/l, boric acid 10-30 g/l with a brightener consisting of dextrin 2-5 g/l, salicylaldehyde 0.6-1 ml/l and teepol 0.5-2 ml/l which is characterised in that the electrodeposition is carried out employing a current density of 3.2-21.5 A/dm<sup>2</sup> at a temperature range of 20-40°C at pH 2-4 with mechanical agitation.

CLASS 32E &amp; 34A. I.C. C08f 1/60, 1/78 &amp; 7/04. 138580.

A PROCESS FOR THE PREPARATION OF THERMOPLASTIC POLYMERS.

Applicants :—DENKI KAGAKU KOGYO KABUSHIKI KAISHA, OF NO. 10, 1—CHOME YURAKUCHO, CHIYODA-KU, TOKYO, JAPAN.

Inventors : Hidehiko Takizawa, Mituto Hisashige.

Application No. 1935/72 filed November 17, 1972.

Appropriate office for opposition proceedings (Rules 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process for making thermoplastic polymers, which process comprises polymerising a feed comprising an elastomer such as herein described, acrylonitrile and an aromatic vinyl or vinylidene compound in a first polymerisation step until the degree of polymerisation is in the range of 10 to 40% and subsequently conducting a second polymerisation step, an organic peroxide catalyst such as herein described in an amount of 0.01 to 0.15% by weight, based on the feed being incorporated in the polymerisation system in the first polymerisation step at any time when the degree of polymerisation is in the range of 0 to 15% and an azo-compound catalyst such as herein described in an amount of at least 0.01% by weight, based on the feed, being incorporated in the polymerisation system in the second polymerisation step at any time when the degree of polymerisation is greater than 15% but not greater than 40%.

CLASS 206E. I.C. G08c

138581.

## DIAMOND SCANNING ELEMENT.

Applicants :—TED BILDPLATTEN AKTIENGESSELLSCHAFT AEG-TELEFUNKEN, TELDEC, CH-6301 ZUG/SCHWIEZ, HANIBUHL 8, POSTFACH 126, SWITZERLAND.

Inventors :—Gunter Joschko, Hans Jurgen Winter, Karl-Ekhard Schrioff, Warner Langheinrich.

Application No. 2054/72 filed December 4, 1972.

Convention date September 21, 1972 (43818/72) U.K.

Appropriate office for opposition proceedings (Rules 4, Patents Rules, 1972) Patent Office, Calcutta.

37 Claims

A diamond scanning element for a signal scanner for guiding the signal scanner in the groove of a record carrier on relative movement of the scanner and record carrier, in which the scanning element has a scanning surface as herein defined delimited at least in part by the natural crystal surfaces of the diamond, the crystallographic alignment of the diamond being determined by these crystal surfaces.

CLASS 90—J. I. C. C03b 11/14, 19/02.

138582.

## IMPROVEMENTS IN OR RELATING TO A GLASSWARE FORMING MACHINE.

Applicants : EMHART CORPORATION, OF 950 COTTAGE GROVE ROAD, BLOOMFIELD CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : Wasyl Bystrianyk, Andrew Stephen Federko Albert Joseph Trahan

Application 849/Cal/73 filed April 10, 1973.

Appropriate office for opposition proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

In a glassware forming machine wherein at least two mold cavities are defined in radially spaced relation to a hinge pin axis, and wherein the split mold members defining these cavities are movable toward and away from one another in response to pivotal movement of mold holder arms about said hinge pin axis the improvement comprising :

a) insert means for supporting said mold members on said mold holder arms for limited pivotal floating movement with respect to said arms.

b) linkage means for pivotally moving said mold holder arms through a predetermined angular displacement,

c) and a link interconnecting said linkage means to said insert means for pivotally cocking said insert means during mold holder arm opening movement to increase the clearance between the radially inner mating split mold members in their open positions.

CLASS 194C.c. I.C. H01L 17/00, F21K 2/00.

138583.

## METHOD OF MANUFACTURING A TUBULAR LAMP ENVELOPE.

Applicants : N. V. PHILLIPS GLOEILAMPENFABRIKEN, OF EMMASINGEL, EINGHOVEN, NETHERLANDS.

Inventors :—Adrianus An onius Hurx, Jan Man In't Veld, Peter Ivan Sygall.

Application No. 1296/Cal/73 filed June 2, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of manufacturing a tubular lamp envelope having a circular cross-section which is particularly suitable for a fluorescent lamp, of which lamp envelope the tube shows a shape which is curved in a flat plane over at least a part of its length, in which an initially straight tube is softened by heating and then curved around a bending jig by the cooperation with one or more bending members and inflated so that it obtains a substantially entirely circular cross-section, and is then cooled to a predetermined temperature at which deformation of the shape of the tube as a result of gravity does not occur, characterized in that, after inflation, during the greater part of the period which is necessary for cooling to the predetermined temperature, the curved tube is supported in a horizontal position by a supporting member, which includes a holder member, which claims the ends of the tube and which is secured to the supporting member, the cooperation of the bending members with the tube being interrupted as soon after start of the supporting step as the inflation operation has been carried out.

CLASS 90-I. I.C. C03b 23/08.

138584.

## PROCESS FOR BENDING GLASS TO A RELATIVELY SHARP ANGLE.

Applicants :—LIBBEY -OWENS -FORD COMPANY, OF 811 MADISON AVENUE, TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventors :—Harold Emery Hamilton, Robert Pratt Bamford and Paul Vincent Pastorek.

Application No. 1527/Cal/73 filed June 29, 1973.

Addition to No. 135090.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for bending a glass sheet to a relatively sharp angle, characterized by forming a groove in a surface of the sheet along a line about which it is desired to bend the sheet, forming an electrically conducting path adjacent said groove, applying an electrical potential across said path of a sufficient magnitude and for a time adequate to heat the sheet in the area of the groove to a temperature above the bending point of the glass, and causing said sheet to bend along said groove to form said relatively a sharp angle therein.

CLASS 24E. I.C. B60T 17/00.

138585

## IMPROVEMENTS IN BRAKE ADJUSTERS.

Applicants :—GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, WARWICKSHIRE, ENGLAND.

Inventor :—Glyn Phillips Reginald Farr.

Application 648/Cal/73 filed March 22, 1973.

Convention date 23rd March, 1972 (13563/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 26 Claims

A slack adjuster for a brake system comprising a housing, a first member slidable in said housing and having an internal screw-thread a second member having an external screw-thread mating with said internal thread to form a non reversible screw-thread connection, said second member having a normal resting position in which it lies against a stop in said housing, the second member being rotatable relative to said first member to adjust the axial resting position of the first member relative to the housing a screw member axially and rotatably fixed relative to said housing, and a drive ring member having an internal screw-thread mating with an external screw-thread on the screw member to form a reversible screw-thread connection, said second member and said drive ring member having mating clutch surfaces urged towards one another, the normal brake slack being accommodated by axial clearance provided at least one of said screw-thread connections.

CLASS 164A+C. I.C. A 47k

138586

## BIOLOGICAL TOILET.

Applicant and Inventor:—HANS ANDERSSON, OF TALLDUNGEN, 45080, TANUMSHED, SWEDEN & HAKON EIDET, OF SANNESSUNDSEIEN 6,1700 SARPSBORG, NORWAY.

Application No 1396/Cal/73 filed June 14, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

Biological toilet comprising a container in which excrement and optionally garbage, during supply of heat from a heating element and air from a ventilation means having an air outlet, may be brought to accelerated fermentation wherein the material to be fermented is supported by a corrosion-resistant grid in a distance above the heating element, characterized in that the heating element is in the form of a closed pipe loop containing a liquid heat transferring medium and which pipeloop is connected to a thermosiphon pump which circulates the medium on supply of heat from a heat source which also heats the medium.

CLASS 32F.b &amp; 55E. I.C. C07d 27/04.

138587

## PROCESS FOR THE PREPARATION OF N-(2-PYRROLIDINYL ALKYL) SUBSTITUTED BENZAMIDES.

Applicants: SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DE-FRANCE, OF 46 BOULEVARD DELATOUR-MAUBOURG, 75 PARIS 70; FRANCE

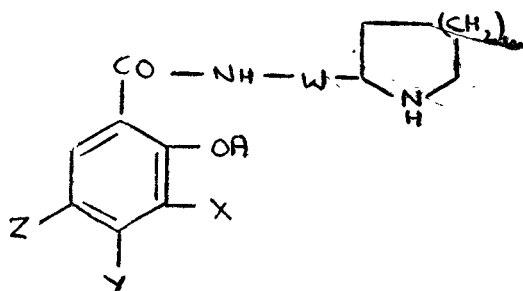
Inventors: Gerard Bulteau, Jacques Acher and Jeen-claud Monier.

Application No. 406/Cal/75 filed March 4, 1975.

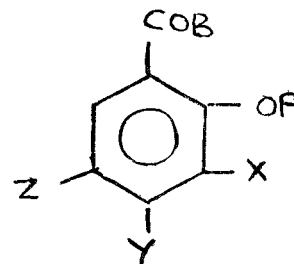
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

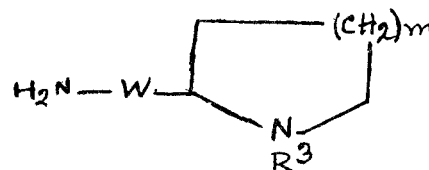
A process for preparing the compounds having the formula



in which A represents a hydrogen atom, a C1-5 alkyl group or a C2-5 alkenyl group, X represents a hydrogen atom, a C1-5 alkoxy group, a C1-5 alkyl group, a C2-5 alkenyloxy group or a C2-5 alkenyl group, Y represents a hydrogen atom, a halogen atom, a C1-5 alkyl, C1-5 alkoxy, amino, or amino substituted group, such as alkylamino, acylamino, benzylamino, or alkoxy-carbonylamino, Z represents a hydrogen atom, a halogen atom, a C1-5 alkoxy group, a C1-5 alkylsulfonyl group, or a  $SO_2NR_1R_2$  group in which  $R_1$  and  $R_2$  which can be identical or different are hydrogen or a C1-5 lower alkyl group, or together with the nitrogen atom to which they are attached form a heterocycle, and may contain another heteroatom such as oxygen or nitrogen so as to form a morpholino or a piperazinyl radical, W represents an alkylene group having from 1 to 4 carbon atoms which can form a straight or branched chain, and m represents an integer of 1, 2 or 3 characterised in the reaction of a compound having the formula II.



in which B represents a halogen atom, a hydroxy group or an organic residue, A, X, Y, Z are as defined above, with a dextrorotatory levorotatory or racemic amine having the formula III.



in which W, m are as defined above,  $R_3$  represents a benzyl group or a hydrogen atom, or of their reactive derivatives, and in the reduction of the benzyl group in a manner such as herein described.

CLASS 155A+E+E. I.C. D06m 5/08, 5/10, 5/12, 5/22, 5/24, 5/26

138588.

## A CONTINUOUS PROCESS FOR EXPANDING A FIBROUS OR FILAMENTARY MATERIAL.

Applicant & Inventor: JAN VAN TILBURG, OF LYCEUMSTRAAT 74, ALKMAAR, HOLLAND.

Application No. 924/Cal/75 filed May 8, 1975.

Convention date 20th July, 1971 (34025/71) U.K.

Division of Application No. 923/72 filed 20th July 1972

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

## 31 Claim

A continuous process for expanding a fibrous or filamentary material as herein described which comprises continuously forcing the material to and through a pressure zone defined by a pair of opposed surfaces and maintaining the material in the zone under pressure in the presence of a puffing agent therefor, the opposed surfaces separating at the outlet of the pressure zone so that on exit from the zone the pressure on the material reduces and the puffing agent expands therefrom to effect the expansion or fibrillation of the material.

CLASS 67C &amp; 69B. I. C. H02h 3/10.

138589

7 Claims

**CIRCUIT TO PREVENT WRONG CONNECTIONS OF POWER SUPPLY TO ELECTRICAL EQUIPMENTS.**

Applicant: HERCULES HOISTS LIMITED, OF MINERVA INDUSTRIAL ESTATE, OPP. RALLIWOLF, LAL BAHADUR SHASTRI MARG, MULUND, BOMBAY-80, MAHARASHTRA, INDIA.

Inventor: Erich Steiner.

Application No. 97/Bom/1972 filed November 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

**3 Claims**

A circuit to prevent wrong connections of power supply to electrical equipments so as to eliminate the possibility of damage of such equipments, characterised in that a relay is connected to the three phases of a main power supply such that one end of the coil of said relay is connected to the first phase of the main supply through a resistor ( $R_1$ ), while the other end of the coil of the relay is connected to the junction point which joins the second and third phases of the main supply through a condenser (C) and another resistor ( $R_2$ ) respectively, the relative values of the resistors ( $R_1$ ,  $R_2$ ) and the condenser (C) being so chosen that in the case of wrong connection there is unbalance in the current passing through the phases and said relay does not get sufficient current for its operation, thereby preventing the relay circuit from being closed and consequentially preventing the electrical equipment, which is connected to the main supply, through the relay circuit, from receiving any current supply.

CLASS 69b+I. I. C. H02k 11/00.

138590

**IMPROVEMENTS IN OR RELATING TO ELECTRIC ACTUATORS.**

Applicants: THE ELECTRIC ACTUATOR COMPANY LIMITED, OF BOILING ROAD, BRADFORD 4, IN THE COUNTY OF YORK, ENGLAND.

Inventor: Deryek Sharp.

Application No. 472/Cal/73 filed March 2, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**10 Claims**

An electric actuator of the kind wherein an electric motor is used to produce axial movement of a push-pull rod, having means for directly detecting an increase in the electrical load of the motor due to the push-pull rod being mechanically arrested at the end of a working stroke, and for stopping or reversing the motor in response to such an increase.

CLASS 32F.c. I. C. C07c 39/02.

138591.

**PROCESS FOR THE PREPARATION OF SUBSTITUTED PHENOL.**

Applicants: MONSANTO COMPANY, OF 800 NORTH LINDBERG BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

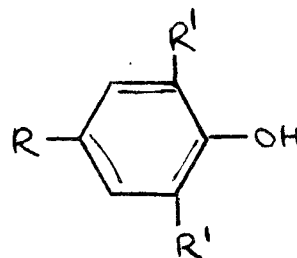
Inventor: George Franklin Ludvik.

Application No. 1669/Cal/75 filed August 29, 1975.

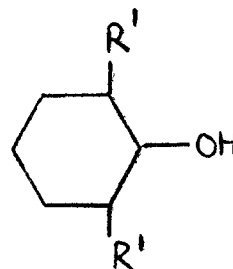
Division of Application No. 890/Cal/73 filed April 16, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

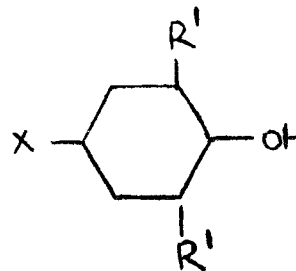
A process for the preparation of compounds of the formula shown in Fig. 1.



wherein R is alkoxy or thioalkyl having a maximum of 6 carbon atoms and  $R'$  is tertiary butyl, tertiary pentyl or cyclohexyl, which comprises contacting a compound of the formula shown in Fig. 2.



wherein  $R'$  is as previously defined, with a halogen, in the presence of ferric halide to give a halogenated compound of the formula shown in Fig. 3.



wherein  $R'$  is as previously defined and X is halogen, and mixing said halogenated compound with a compound of the formula  $R^3YH$ , wherein  $R^3$  is alkyl having a maximum of 6 carbon atoms and Y is oxygen or sulfur, in the presence of a hydrogen halide scavenger.

CLASS 157D.g. I. C. E01b 1/00.

138592.

**IMPROVEMENTS RELATING TO MOBILE MACHINE FOR DISTRIBUTING AND PROFILING THE BEDDING BALLAST OF A RAILWAY TRACK.**

Applicant: FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H, JOHANNESGASSE 3, VIENNA, -1, AUSTRIA.

Inventors: Mrs. Erna Plasser and Josef Theurer.

Application 151/72 filed May 9, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**9 Claims.**

A mobile machine for distributing and profiling the bedding ballast of a railway track comprising two ballast ploughs arranged on a common chassis frame, each of which ploughs is associated with one of the two rails, wherein the ballast ploughs are arranged beneath the chassis frame between wheel

assemblies or axes thereof, the area situated between the two ballast ploughs being designed to be closed by a middle section mounted on the chassis frame.

CLASS 32F, I.C. C07d 49/36.

138593.

A PROCESS FOR PREPARING POLYARYL-IMIDAZOLES AND ACID ADDITION SALTS THEREOF.

Applicants: PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor: Joseph George Lombardino.

Application No. 774/Cal/74 filed April 5, 1974.

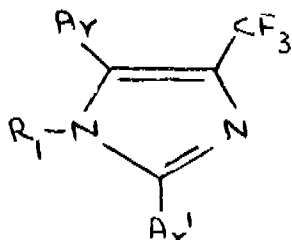
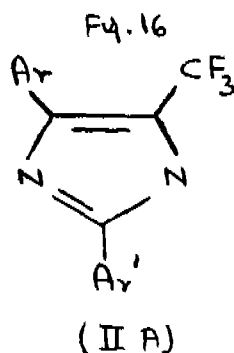
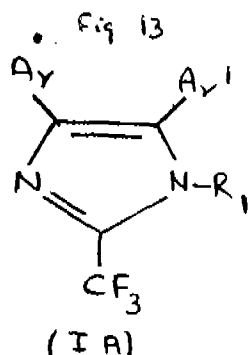
Convention date April 19, 1971 (25321/71) U.K.

Division of Application No. 133280 filed October 20, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims.

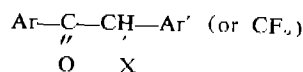
A process for preparing a compound of the formulae 1A, 11A, and 111A, shown in Figures 13, 16 and 17 of the drawings.



and the pharmaceutically acceptable acid addition salts thereof wherein:

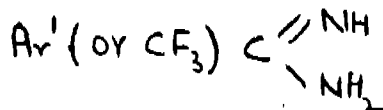
Ar and Ar' are the same or different and are furyl, thienyl, pyridyl, phenyl or substituted phenyl wherein said substituents are fluorine, chlorine, bromine, alkyl, alkoxy or alkylthio, each containing from 1 to 4 carbon atoms and 3, 4-dimethoxy,

R<sub>1</sub> is hydrogen, alkyl containing from 1 to 4 carbon atoms or alkenyl containing from 3 to 4 carbon atoms, characterized by reacting an alpha diketone derivative of the formula:



wherein X is chlorine or bromine;

with an amidine of the formula shown in Figure 18.



wherein Ar and Ar' are as previously defined; and when R<sub>1</sub> is to be other than hydrogen then alkylating any of the above products with an alkyl iodide in the presence of base.

CLASS 129A, I.C.—B21C 17/00, B65h, 54/02

138594.

TOROIDAL COIL WINDING MACHINE.

Applicant: RAM KUMAR BANSAL, OF 39, BOKARO ENGINEERS HOSTEL, DURGAPUR-4, WEST BENGAL, INDIA.

Inventor:—Ram Kumar Bansal.

Application No. 561/Cal/73 filed March 14, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A toroidal coil winding machine comprising a core member on which the toroidal coil is to be wound, a coiler unit in a plane vertical to the plane of the core unit, a core driving unit for rotating the core unit at desired speeds, a speed control unit in association with the core driving unit for driving same at desired speeds, a set of driving members for rotating the coiler unit in a plane vertical to the plane of rotation of the core unit a wire guiding member provided on said coiler unit for guiding the wire from the coiler unit on to the core unit, a set of drive units for pressing the wound wire material to the rim of the core and for setting the coil wound on the said core, and a gear box unit for transmitting motion from a motor or other source of power to the coiler unit and the speed control unit.

CLASS 39E+G I.C.-C01f 7/02, 7/56.

138595

PROCESS FOR PRODUCING ALUMINIUM CHLOROHYDROXIDES.

Applicant: SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors: Luigi Rivola and Bruno Notorè.

Application No. 448/Cal/73 filed February 28, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for producing an aluminium chlorohydroxide having the formula  $\text{Al}_2(\text{OH})_x\text{Cl}_y$  wherein X is in the range from 1 to 3.5 and y is in the range from 0.5 to 2.5, which process comprises reacting hydrochloric acid with an aluminium compound selected from aluminium oxides and hydroxides, which optionally contains water of crystallization, wherein, relative to the hydrochloric acid, the aluminium compound is employed in an amount in excess of that required stoichiometrically to produce aluminium trichloride, the amount of aluminium compound not exceeding 4 times that required stoichiometrically to produce aluminium trichloride.

CLASS 13A & 23E+G, I.C.-D21h 1/06, B31b 49/04

138596

IMPROVEMENTS IN CARTONS.

Applicants: THE METAL BOX COMPANY LIMITED, OF 37, BAKER STREET, LONDON W1A 1AN, ENGLAND.

Inventor: A. P. Rayner.

Application No. 208/Cal/73 filed January 29, 1973.

Convention date February 4, 1972 (5347/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims

A carton comprising a body formed from a blank of cardboard or like material and having a top and a bottom integral with sides which extend therebetween, the top having an opening therethrough to give access to the interior of the body, and a lid formed from a blank arranged to overlie the top of the body and including or consisting of a thermoformed plug member operable to retain the lid in closing relation with the body by frictional engagement with the sides of the opening or with a thermoformed plug-receiving element fitted in said opening and secured to the top of the body.

CLASS 32A, I.C. C09b 45/00, 138597

## PROCESS FOR THE PRODUCTION OF AZO DYE-STUFFS.

Applicants: BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventor: Karl-Heinz Schundehutte.

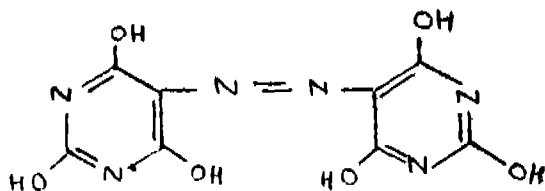
Application No. 777/Cal/74 filed April 6, 1974.

Division of Application No. 133967 filed December 16, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

Process for the production of azo dyestuffs of the formula 1.



characterised in that mixtures of barbituric acid, transferers of azo groups, such as herein described, and salts of polyvalent metals are heated in suspension at 40 to 100°C, wherein the polyvalent metals are magnesium, barium, strontium, aluminium, zinc, manganese, iron, cobalt nickel copper or cadmium or mixtures thereof.

CLASS 146D, I.C.-G03f 5/00, 138598

## FRONT PROJECTION SCREEN MADE FROM A TRANSPARENT MATERIAL.

Applicants: QANTIX CORPORATION, OF 130 MAIN STREET, FLEMINGTON, NEW JERSEY 08822, UNITED STATES OF AMERICA.

Inventor: John Wilson Brown.

Application No. 2622/Cal/73 filed November 28, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims

A front projection screen, comprising a sheet of light transmitting material having a predetermined critical angle of internal reflection of less than 45 degrees, said sheet having a front surface and a back surface, a plurality of parallel ridges disposed on said back surface, each of said ridges having curved sides which terminate at a peak, said curved sides extending away from said sheet at an angle equal to or greater than 45 degrees at a point immediately adjacent to said sheet, the angle between a line tangent to said sides and the plane defined by said sheet continuously decreasing

as said curved sides approach said peaks, and the angle between a line tangent to said sides and said sheet is greater than or equal to said predetermined critical angle of internal reflection at said peaks but less than 45 degrees.

CLASS 40F &amp; 121, I.C. G01n 21/52, 138599

## A PROCESS FOR MANUFACTURING A FLUORESCENT MATERIAL.

Applicants: F. HOFFMANN-LA ROCHE & CO, AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND.

Inventors: Willy Ieingruber and Manfred Weigele.

Application No. 2089/Cal/73 filed September 12, 1973

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

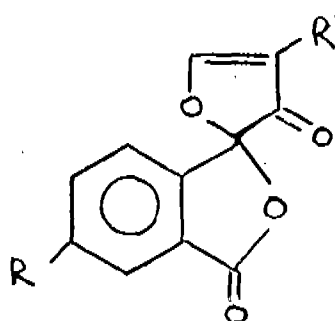
## 13 Claims

A process for manufacturing a fluorescent material which process comprises

(a) contacting a Secondary  $\alpha$ -amino acid with a source of active chlorine or bromine at a pH between about 1 and 4 in an aqueous medium;

(b) adjusting the pH to between about 6 and 11; and

(c) contacting with a fluorogenic compound of the formula 1.



wherein R is hydrogen, halogen, lower alkyl or lower alkoxy and R' is lower alkyl or aryl.

CLASS 27-I &amp; 108C, I.C.-B65g 1/00, 15/00, 138600

## PIG PILING DEVICE.

Applicants: IRKUTSKY FILIAL VSESOJUZNOGO NAUCHNO-ISSLEDOVATELSKOGO I PROEKTNOGO INSTITUTA ALUMINIEVOI, MAGNIEVOI I ELEKTRODNOI PROMYSHLENNOSTI OF IRKUTSK, ULITS A SOVETSKAYA, 55, USSR.

Inventors: Vasily Vasilievich Turchaninov, Jury Petrovich Shelkovnikov, Gennady Maximovich Machkov, and Oleg Alexandrovich Korolev.

Application No. 1050/Cal/73 filed May 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims

device for piling metal pigs comprising: a supporting frame; a first conveyor consisting of a carriage which moves on guides, is mounted between skids for shifting metal pigs and is provided on the sides with coaxial articulated spring-loaded twinned pig pushers; a first drive for reciprocating said carriage of the first conveyor; a manipulator mounted on said supporting frame with a provision for turning around the horizontal axis and consisting of a drum with a through opening which receives said carriage of the first conveyor with a pig; a drive intended for turning said carriage of the first conveyor around its horizontal axis, said drive being secured on said supporting frame; an intermediate support secured on said supporting frame; an intermediate support receiving pigs from said manipulator and secured on the sup-



porting frame, level with said skids of the first conveyor; an accumulating table secured on said supporting frame with a provision for moving vertically to three positions required for the engagement of the interlocking elements of said pig located on said intermediate support with their counterparts on the pig located on said intermediate support with their counterparts on the pig located on said accumulating table second, a drive mounted on said supporting frame and moving said accumulating table vertically to said three positions; a second conveyor consisting of a carriage which moves on guides secured on said supporting frame below the level of said intermediate support and accumulating table, and is provided on its sides with coaxial articulated spring-loaded twin pig pushers; a drive for reciprocating said carriage of the second conveyor; a pile-forming table located after said accumulating table in the direction of regular operation; a drive for vertical movement of said pile-forming table; an arm-type grip mounted on a driven trolley which is installed in the guides secured on said supporting frame above said accumulating and pile-forming tables, said grip picking up the pigs formed in a row on said accumulating table, carrying and placing them on said pile-forming table.

CLASS 186E, I.C.-A47b 81/06, B60r 11/02. 138601

#### A DEVICE FOR LOCKING DEFLECTION COIL TO TV PICTURE TUBES.

Applicants: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: Jewan Prakash Raina, Inderjeet Singh and Tilak Raj Vasudeva.

Application No. 642/Cal/73 filed March 22, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A device for locking of deflection coil to T.V. picture tubes comprising a plastic deflection coil jacket containing the deflection coil, with a tapered threaded plastic projected collar having slots and a locking nut to lock the coil position on the TV picture tube.

CLASS 32F+ F.b. I.C. C07d 33/34, 33/52. 138602

#### METHOD FOR THE PREPARATION OF 4-AMINOQUINOLINE DERIVATIVES.

Applicants: JOHN WYETH & BROTHER LIMITED, OF HUNTERCOMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors: John Leheup Archibald, John Terence Arnott Boyle and John Christopher Saunders.

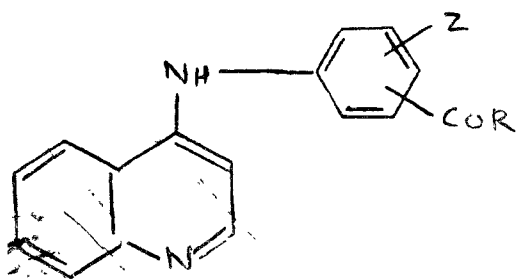
Application No. 521/Cal/73 filed March 9, 1973.

Convention date March 10, 1972 (11251/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 23 Claims

A method for the preparation of a 4-aminoquinoline derivative of the general formula 1.

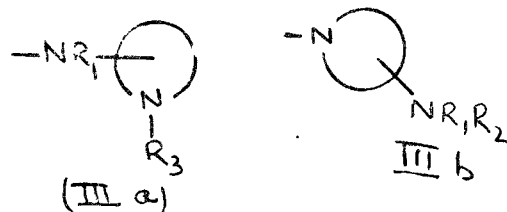


or an acid addition salt thereof, where  
2-477 GI/75

(i) X is a halogen atom or a trifluoromethyl group;

(ii) Z is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower alkyl group, a lower alkoxy group, a hydroxyl group, a nitro group, an amino group or a mono- or di-alkyl substituted amino group; and

(iii) R represents a group of the formula IIIa or IIIb.



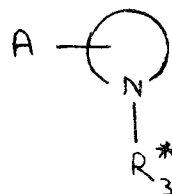
wherein

(a) in formula IIIa and IIIb the ring denotes a piperidine or pyrrolidine ring, that may be substituted by one or more alkyl groups or by a divalent aliphatic chain substituting two different ring members of the piperidine or pyrrolidine rings;

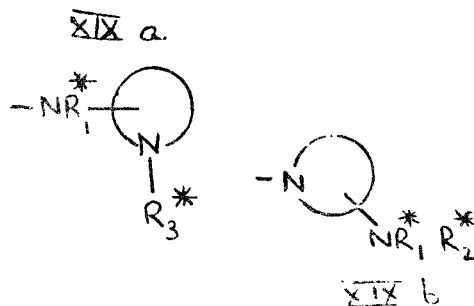
(b) R<sub>1</sub> represents a hydrogen atom, an alkyl group, an aralkyl group, an acyl group or an aryl group or, in formula IIIb, R<sub>1</sub> and R<sub>2</sub> may together form the diacyl residue of a dicarboxylic acid or R<sub>1</sub> and R<sub>2</sub> form a divalent radical such that R<sub>1</sub>R<sub>2</sub>NH is a secondary cyclic amine with 5 to 7 ring atoms;

(c) R<sub>2</sub> is as defined above in connection with R<sub>1</sub> or represents a hydrogen atom, an alkyl group, an aralkyl group or an acyl group; and

(d) R<sub>3</sub> represents a hydrogen atom, an alkyl group, an aralkyl group or an alkyl group substituted by a heterocyclic group or an aliphatic chain joining the nitrogen ring member to another ring member of the ring in formula IIIa, wherein a compound selected from those having the formula XVIII.

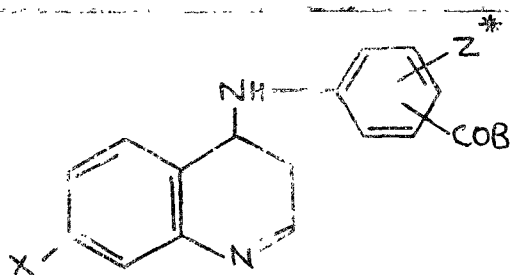


and R\*H [wherein R\* represents a group of formula XIXa or XIXb.



the ring in formula XVIII and XIXa is as defined in connection with formula IIIa and the ring in formula XIXb is as defined in connection with formula IIIb; A represents activated amino; any of R<sub>1</sub>\*, R<sub>2</sub>\* and R<sub>3</sub>\* may be a protecting group which is subsequently cleaved off and otherwise R<sub>1</sub>\*, R<sub>2</sub>\* and R<sub>3</sub>\* are R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> respectively except that a group in R<sub>1</sub>, R<sub>2</sub> or R<sub>3</sub> that is sensitive to acylation

may be blocked with a protecting group which is subsequently cleaved off] is acylated with a compound having the formula XX.



(wherein X is as defined above; COB is a carboxyl group or a reactive derivative thereof such as herein described and Z\* is Z or a protected hydroxyl group or a protected amino group) and, where necessary, a protecting group is removed in known manner and, if desired, a free base form of compound of formula I, is converted into an acid addition salt form of compound of formula I by addition of an acid or an acid addition salt form of compound of formula I is converted into a free base form in known manner.

CLASS 101B+F, I.C. E02b 3/14, 5/08, 9/02. 138603.

#### IMPROVEMENTS IN OR RELATING TO PRE-FABRICATED PRE-CAST CONCRETE WELL TYPE CANAL DROP STRUCTURE.

Applicant and Inventor: MIT-N-MIR, OF CHANDRA-DEEP APARTMENT, RANGILDAS MEHTA, SHERI NAKA, GOPIPURA, SURAT-2, GUJARAT, INDIA.

Application No. 23/Bom/73 filed January 15, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

A pre-fabricated pre-cast, prestressed concrete well type canal drop structure consisting of a combination of five units, wherein

(a) the first unit is an upstream trough formed from a pipe section with a lower rim from which bifurcates a pair of integrally formed V-shaped panels and separated from each other by means of a channel formed integral with said pipe section and the lower rim of the said pipe section diagonally opposite to said channel being extended downwardly to form a curvilinear extension lip;

(b) the second unit is downstream trough having constructional features identical with the said upstream trough with the exception that both the upper and lower rims of the pipe section diagonally opposite to the channel are extended upwardly and downwardly respectively to form curvilinear extension lips;

(c) the third unit forming the water cushion well or tank consists of a pipe section open at its top end and closed at its lower end;

(d) the fourth and fifth units comprise a pair of monolithic counter-forts each said counterfort consisting of a substantially U-shaped body whose one side arm forms a curvilinear panel adapted to embrace the corresponding curve of one said pipe section mentioned at (a) or (b) above, and also wherein

(e) the first three units are stacked one above the other with said water cushion well or tank forming the lowermost unit and said downstream trough forming the middle unit and said upstream unit forming the topmost unit and both the upstream and downstream units being further strengthened by placing said monolithic counterforts adjacent said pipe sections in such a way that the curvilinear side panels embrace said pipe sections, whereby the channel of the upstream trough being connected to upstream passage and the channel of the downstream trough to downstream passage.

CLASS 32A, I.C.-C09b 29/36.

138604

#### PROCESS FOR THE PREPARATION OF WATER-INSOLUBLE MONOAZO DYESTUFFS.

Applicants: CASSELLA FARBWERKE MAINKUR AKTIENGESELLSCHAFT, OF HANAUER LANDSTRASSE 526, 6 FRANKFURT (MAIN-FECHENHEIM, WEST GERMANY.

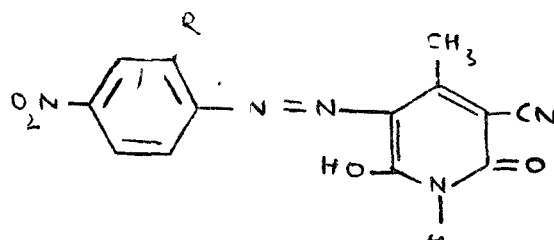
Inventors: Ernst Heinrich and Joachim Ribka.

Application No. 306/Cal/73 filed February 12, 1973.

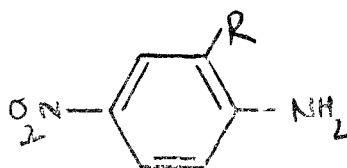
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

A process for the production of monazodyestuffs of the formula I.



wherein R is alkyl having 1 to 6 carbon atoms which comprises diazotizing an amine of the formula II.



wherein R has the meaning specified above and coupling the diazo compound with 3-cyano-4-methyl-6-hydroxy-2-pyridone.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b, I.C. C07c 103/00.

138605

#### PROCESS FOR THE PREPARATION OF N, N-DISUBSTITUTED CARBOXYLIC AMIDES.

Applicants: ESZAKMAGYARORSZAGI VEGYIMUVEK, SAJOBABONY, HUNGARY.

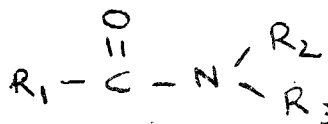
Inventors: Mrs. Erzsebet Grega, Pal Gribovszki, Sandor Marosvolgyi and Dr. Zolta N Pinter.

Application No. 203/Cal/74 filed January 30, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

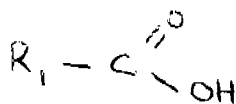
#### 2 Claims

Process for the production of N,N-disubstituted carboxylic amides of the general formula shown in Figure 1.

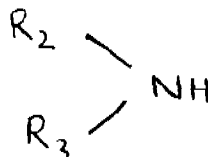


wherein R<sub>1</sub> is C<sub>2</sub>-C<sub>18</sub> straight or branched alkyl, a halogen-substituted alkyl, a phenyl-substituted alkyl, phenyl, chloro-dichloro-substituted phenyl, nitro-dinitro-substituted phenyl, trimethoxyphenyl, six-membered unsaturated heterocyclic having a nitrogen atom; R<sub>2</sub> and R<sub>3</sub> are identical or different, C<sub>1</sub>-C<sub>8</sub> straight or branched alkyl, phenyl or R<sub>2</sub> and R<sub>3</sub> form together a six-membered heterocycle with a nitrogen atom

and an oxygen atom, characterized by reacting a carboxylic acid of the general formula shown in Figure II.



$R_1$  has the same meaning as above, simultaneously with phosgene and with a secondary amine of the general formula shown in Figure III.



wherein  $R_2$  and  $R_3$  have the same meaning as above, optionally in an inert solvent at a temperature of 50-150°C, preferably at a temperature of 80-1000°C.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b. I.C. C07d 99/14. 138608

#### A NEW PROCESS FOR THE PRODUCTION OF PENICILLINS.

Applicants: AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 10017, NEW YORK, UNITED STATES OF AMERICA.

Inventor: Charles Albert Robinson.

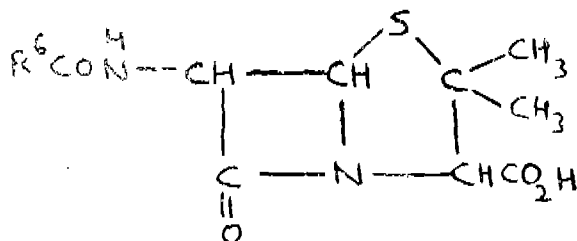
Application No. 1571/Cal/74 filed July 15, 1974.

Division of Application No. 121099 filed April 28, 1969.

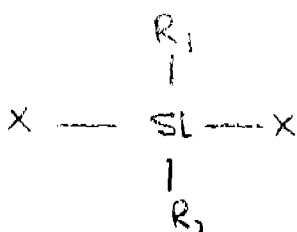
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

27 Claims

A process for preparing a penicillin of formula I.



or a salt thereof wherein  $R^6\text{CO}$  is the acyl residue of an organic carboxylic acid, which process comprises reacting 6-amino-penicillanic acid or a salt thereof with di- or trihalosilane of formula II.



wherein  $R^1$  is hydrogen, alkyl aryl or aralkyl,  $R^2$  is halogen, alkyl, aryl or aralkyl and X is halogen to produce an organosilane derivative of 6-aminopenicillanic acid, acylating the organosilane derivative with a reactive derivative of an organic carboxylic acid  $R^6\text{COOH}$  (when  $R^6\text{CO}$  is an acyl group),  $R^6$  containing an amino group when  $R^1$  and  $R^2$  are both selected from alkyl, aryl and aralkyl groups and then subjecting the obtained acylated organosilane derivative of 6-aminopenicillanic acid to hydrolysis or alcoholysis in a manner such as herein described and if desired converting in a manner known *per se* the obtained penicillanic acid to a salt.

CLASS 35F & 93. I.C. C04b 5/02, B01j 2/00. 138606

#### APPARATUS FOR PRODUCING GRANULATED SLAG.

Applicants: GOSUDARSTVENNY SOJUZNY INSTITUT-PO PROEKTIROVANIJU METALLURGICHESKIKH ZAVODOV OF PROSPEKT MIRA, 101, MOSCOW, U.S.S.R. (&) VSESOJUZNY NAUCHNO-ISSEDOVATELSKY INSTITUT METALLURGICHESKOI TEPLOTEKHNIKI OF ULITSA STUDENTCHESKAYA, 16, SVERDLOVSK, U.S.S.R.

Inventors: Mikhail Alexeevich Sharanov, Gennady Alexeevich Sulukov, Valentin Petrovich Khainovsky, Felix Yanovich Olginsky Vladimir Alexeevich Solovykh and Alexandr Efimovich Sukhorukov.

Application No. 1288/Cal/74 filed June 12, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An apparatus for the production of granulated slag comprising a closed chute to receive fluid slag supplied from melting furnaces; a granulator arranged at the intake portion of said chute to granulate fluid slag under the action of flow of water to produce pulp; a bunker mechanically connected to the outlet portion of said chute to receive the downward pulp flow from said chute, said bunker being filled with water whose level must be no less than 100 mm from the bottom of said chute in order to damp the kinetic energy of said downward pulp flow and minimize the disturbance of the water surface; a slab rigidly secured to the walls of said bunker, said slab being disposed outside the zone of direct impact of the downward pulp flow and being partially immersed with its edge into the water; a grate to catch light suspended matter in the pulp, said grate being arranged adjoining said slab, off side said zone and adjoining said slab; an overflow wall adjoining said grate and intended for the overflow of clarified water produced as a result of the damping of the kinetic energy of the pulp flow and removing light suspended matter therefrom; a container for the accumulation of clarified water, said container adjoining said bunker; an airlift connected to the lower portion of said bunker and intended to receive thickened pulp produced as granulated slag settles in the lower portion of said bunker; a dehydration and drying means for the dehydration and drying of thickened pulp supplied by the airlift, whereby dehydrated granulated slag is produced and a means for the accumulation of said granulated slag.

CLASS 172C<sub>1</sub>+D<sub>6</sub>. I.C. D01g 15/08, D01h 13/14. 138607

#### IMPROVEMENTS IN OR RELATING TO ELECTRONIC CARD STOP MOTION SYSTEMS FOR CARDING MACHINES.

Applicants: BOWREAH COTTON MILLS COMPANY LIMITED, OF POST BAURIA, DIST. HOWRAH, WEST BENGAL, INDIA.

Inventors: Jchangir Chavda, Sahaskaran Asawa, Manoj Bose and Narsingh Pratap Pande.

Application No. 1379/Cal/74 filed June 21, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An electronic card stop motion system for carding machines wherein are provided (1) a main motor driving its cylinder and lickerin and (2) a separate individual pilot motor for driving its doffer and feed roller, which pilot motor will automatically stop the doffer and the feed roller whenever there is any impediment in the transformation of cotton into sliver, but which will permit the cylinder and the lickerin to run normally even on the stoppage of the doffer and the feed roller.

CLASS 32F<sub>1</sub> & 55E<sub>2</sub>+E<sub>2</sub>. I.C. C07d 51/66. A61k. 138609

#### METHOD OF PREPARING ANTI-INFLAMMATORY ANTIRHEUMATIC COMPOUNDS.

Applicants: ROTTA RESEARCH LABORATORIUM S.P.A. OF SAN FRUTTUOSO DI MONZA, MILAN, ITALY.

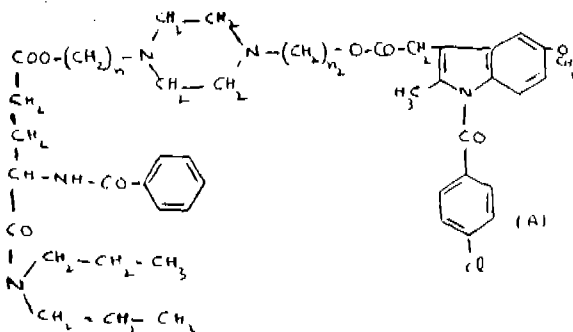
Inventors: Francesco Makovec Paolo Senin, Luigi Rovati.

Application No. 1318/Cal/75 filed July 7, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

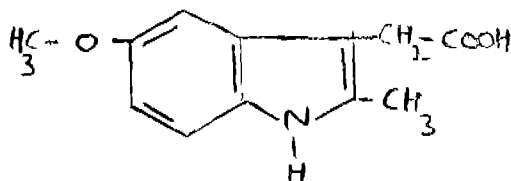
#### 5 Claims

A method of preparing novel anti-inflammatory antirheumatic compounds having the formula A shown in Fig. 1.

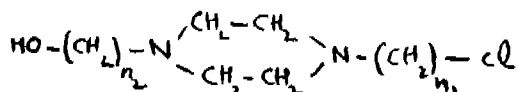


wherein  $n_1$  and  $n_2$  are 2 or 3, and wherein the two tertiary amino-groups may, if desired by present in a form salified by a pharmacologically acceptable acid, such as oxalic, citric, maleic, fumaric or hydrochloric acid, characterised by the steps of:

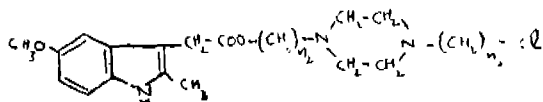
(a)—reacting 5-methoxy-2-methyl-3-indolyl acetic acid of the formula 1.



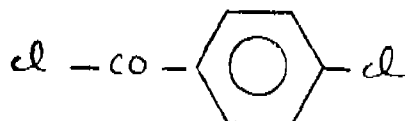
with an N-hydroxyalkyl-N'-chloroalkyl-piperazine of the formula II.



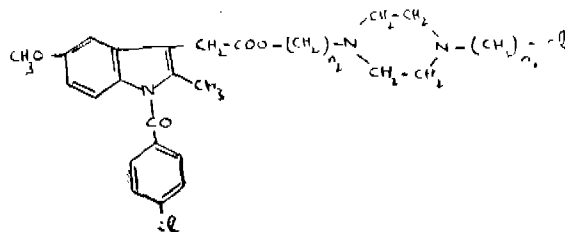
wherein  $n_1$  and  $n_2$  are as defined hereinbefore, in an organic solvent in the presence of a condensation agent, for 8 to 48 hours at between 10° and 30°C thereby to obtain the corresponding N-(2 or 3)-chloroalkyl-N-(2 or 3)-(5-methoxy-2-methyl-3-indolyl)-alkyl-piperazine of the formula III.



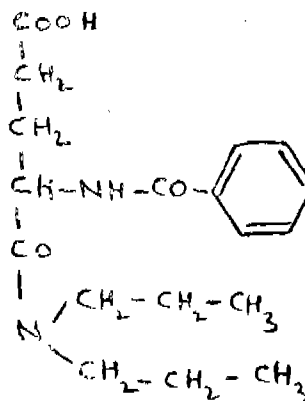
(b)—amidating the N-atom in the indole group in compound (III) by means of —chloro-benzoyl chloride of the formula IV.



thereby to obtain the corresponding N'-(2 or 3)-chloroalkyl-N-(2 or 3)-[1-(p-chloro-benzoyl)-5-methoxy-2-methyl-3-indolyl]-alkyl-piperazine of the formula V.



(c)—reacting the latter compound with N-benzoyl-N'-di n-propyl -DL-isoglutamine of the formula VI.



in an organic solvent in the presence of a stoichiometric amount of sodium bicarbonate at 60° to 120°C for 2 to 12 hours.

(d)—and recovering the desired final compound (A) as such or in its salified form.

CLASS 128-I. I.C. A61m, 16/00.

138610

#### A RESPIRATOR.

Applicant: JUGAL KUMAR PAUL, OF 17A/41, W.E.A., GURDWARA ROAD, NEW DELHI-5, INDIA.

Inventor: Jugal Kumar Paul.

Application No. 1586/72 filed October 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

A respirator having means for controlling the passage of gas therein comprising a housing block, an inlet and an outlet opening in said block, a sleeve valve to control the passage between the inlet and outlet passages, a diaphragm at one end of the block and a chamber at the other end of the block, the space between the diaphragm and the block being in communication with the chamber through an air passage in the block, said chamber being adapted to be connected to a patient, said diaphragm being mounted on the shank of the sleeve valve, the arrangement being such that when the patient draws the breath, the air in the space between the diaphragm and the block is drawn through the air passage and the chamber resulting in deflating of the diaphragm thereby causing the sleeve valve to travel and open the passage between the inlet and the outlet and when the patient draws out the breath it causes inflation of the diaphragm causing thereby the sleeve valve to travel and close the passage between the inlet and outlet so that the inlet and the outlet passages are successfully exposed and unexposed.

CLASS 129A. I.C. B21d-26/02, 31/04.

138611

#### APPARATUS FOR FABRICATING TUBING.

Applicants: BUNDY CORPORATION, OF 333 W. FORT STREET, DETROIT, MICHIGAN, UNITED STATES OF AMERICA.

Inventors : Berry Campbell Millar and Keith Wayne Little.

Application No. 2259/Cal/73 filed October 10, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims

A tube fabricating apparatus comprising :

(a) a plurality of work stations each having  
(i) an independently operable work performing mechanism.  
and

(ii) tube clamping means operable to support a tube during the performance of work thereon,

(b) transfer means for successively advancing tubes between work stations,

said transfer means including a plurality of grab clamps operable to support tubes during their movement to or from a work station;

(c) means for preventing the disengagement of said grab clamps from the tubes gripped thereby until after the tubes have been secured by the clamping means of a work station to which they are delivered, and

(d) power operated means for opening and closing said tube clamping means with tubes supported in stationary positions therein by said grab clamps.

CLASS 129-B. I.C. B21c-27/00.

138612.

#### PROCESS AND ASSEMBLY FOR THE PRODUCTION OF SHEET STEEL CONTAINERS.

Applicant : K. M. ENGINEERING AKTIENGESSELLSCHAFT, OF HERRENGRABENWEG 81, CH-4054 BASLE, SWITZERLAND.

Inventor : Wilhelm Hortig.

Application No. 301/Cal/73 filed February 12, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 28 Claims

In a process for producing sheet steel containers comprising the steps of :

(a) deep drawing a sheet steel blank into a cup-shaped blank having a wall thickness substantially the same as said sheet steel blank, and

(b) stretch forming said cup-shaped blank to a desired final height to produce a shaped container body.

(c) said stretch forming step including a plurality of individual stretch forming stages each of which includes decreasing the inside diameter of the cup-shaped blank and decreasing the wall thickness of the cup-shaped blank.

CLASS 40-B. I.C. B01 J, 11/06, 11/08.

138613

#### PROCESS FOR PRODUCING CATALYTIC COMPOSITIONS

Applicant : SNAMPROGETTI S.P.A. OF 16 CORSO VENEZIA, MILAN, ITALY.

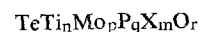
Inventor : Vittorio Fattore and Bruno Notari.

Application No. 444/Cal/73 filed February 28, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 9 Claims. No drawings

A process for producing a catalytic composition represented by the following general formula



wherein X is an element selected from those belonging to Groups IB, IIB, IIIA, IIIB, IVB, VIIB and VIII of the Periodic Table the indices  $m$ ,  $n$ ,  $p$ ,  $q$  have values in the respective following ranges :

0	$\leq m$	$\leq 0.3$
1	$\leq n$	$\leq 15$
0.0	$\leq p$	$\leq 0.4$
0	$\leq q$	$\leq 0.3$

and  $r$  has the value necessary to satisfy the valence of the elements other than oxygen present in the composition; which process comprising reacting tellurium, telluric acid or tellurium oxide with derivatives of the other elements, other than the oxygen, present in the catalytic composition, in such amounts that the ratios of the other elements fall within the ranges specified above, and drying the reaction product.

CLASS 32-B+F.C+F<sub>3</sub>a. I.C. C07 3/00.

138614

#### PROCESS FOR OXIDIZING OLEFINS.

Applicant : SNAMPROGETTI S. P. A., OF 16 CORSO VENEZIA, MILAN, ITALY.

Inventors : Vittorio Fattore and Bruno Notari.

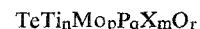
Application No. 1536/Cal/75 filed August 5, 1975.

Division of Application No. 444/Cal/73 filed February, 28, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 17 Claims. No drawings.

A process for oxidizing an olefinic hydrocarbon, which comprises reacting at least (i) an olefin and (ii) oxygen or a gaseous mixture including oxygen, in the presence of a catalytic composition represented by the following general formula :—



wherein X is an element selected from those belonging to Groups IB, IIB, IIIA, IIIB, IVB, VIIB, and VIII of the Periodic Table, the indices  $m$ ,  $n$ ,  $p$ , and  $q$  have values in the respective following ranges :

0	$\leq m$	$\leq 0.3$
1	$\leq n$	$\leq 15$
0.05	$\leq p$	$\leq 0.4$
0	$\leq q$	$\leq 0.3$

and  $r$  has the value necessary to satisfy the valence of the elements other than oxygen present in the composition.

CLASS 59A & 101D I.C. -E03b 3/11.

138615.

#### PROCESSES FOR THE CATCHMENT OF SUBTERRANEAN WATER BY SHAFTS WITH DRAINS AND DRAINS USED FOR CARRYING THEM INTO EFFECT.

Applicant & Inventors : PAUL CLAUSSE, OF 3, RUE VICTOR-HUGO, 78420 CARRIERES-SUR-SEINE, FRANCE.

Application No. 575/Cal/73 filed March 14, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 14 Claims

A method for constructing improved drain shafts, with horizontal or sloping drains to permit progressive and gradual sand removal in proportion to their sinking into the aquiferous medium to be exploited, for pumping subterranean water from catchment areas, comprising the steps of :

(a) sinking one or more drains provided with a pointed end by driving it or them through apertures set in the wall of the shaft, said drains being comprised of extruded or cast pipes,

(d) carrying out sand removal or decompression of the soil around each drain in proportion to its sinking, through the space remaining between the drain and its outlet aperture thus permitting the clearing away of the fine sediment carried by the water which will tend to penetrate inside the shaft; and

(c) plugging the said space between each drain and its aperture by means of an annular shutter when the drain is driven to the desired distance into the subterranean sheet.

CLASS 107H, I.C.-F02d 9/00.

138616.

A POWER UNIT COMPRISING AN INTERNAL COMBUSTION ENGINE SUPERCHARGED BY A TURBINE-COMPRESSOR UNIT.

Applicants: ETAT FRANCAIS, OF 4, AVENUE DE LA PORTE D'ISSY, 75966-PARIS, FRANCE.

Inventors: JEAN MELCHIOR.

Application No. 761/Cal/73 filed April 3, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 27 Claims

A power unit comprising an internal combustion engine supercharged by a turbine-compressor unit whose turbine has an inlet connected to the exhaust of the engine and comprising a permanently open by-pass communicating with the outlet of the compressor and with the turbine inlet for the engine to be in parallel air flow relation with the by-pass, said by-pass having automatically controlled throttle means for developing a pressure drop in the air flow passing through the by-pass which is substantially independent of the rate of flow traversing said by-pass and which increase with the increase of the pressure existing at the compressor outlet.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b, I.C. C07d 99/24.

138617.

PROCESS FOR PREPARING 3-HETEROCYCLIC THIOMETHYLCEPHALOSPORINS.

Applicants: SMITHKLINE CORPORATION, FORMERLY KNOWN AS SMITH KLINE & FRENCH LABORATORIES, OF -1500 SPRING GARDEN STREET, CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, 19101, UNITED STATES OF AMERICA.

Inventors: George Lawrence Dunn and John Russel Eugene Hoover.

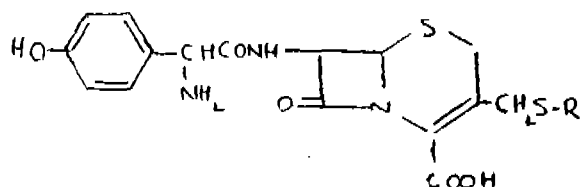
Application No. 189/Cal/74 filed January 29, 1974.

Convention date February 21, 1973 (8511/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

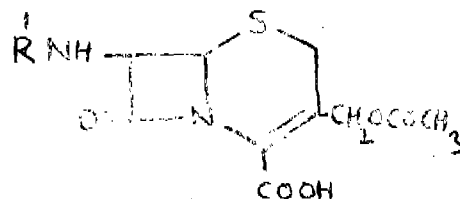
#### 7 Claims

A process for preparing a compound of the formula 1.

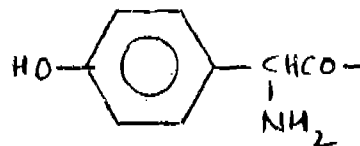


where R is 1, 2, 3-triazolyl, unsubstituted or substituted with 1 or 2 groups selected from the group consisting of lower alkyl of 1-4 carbon atoms and trifluoromethyl,

comprising (1) reacting an acetoxymethyl cephalosporin compound of the formula II.

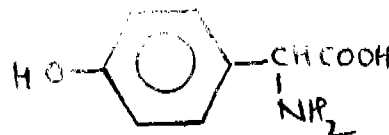


where R<sup>1</sup> is a group of formula V,



the NH<sub>2</sub> group being optionally protected by an easily removable protective group as hereinbefore defined or H, with a heterocyclic thiol compound of the formula HS-R, where R is as defined above,

(2) when R<sup>1</sup> is H, acylating the resulting compound with a p-hydroxy-phenylacetic acid compound of the formula IV.



or an acylating or activated derivative thereof, the NH<sub>2</sub> group being suitably protected as needed; and

(3) then removing any protective group for example, by acid hydrolysis with trifluoroacetic acid or glacialacetic acid HCl.

CLASS 189, I.C.-A61K 7/00, 27/00.

138618

ANTIPERSPIRANT COMPOSITION.

Applicants: HINDUSTAN LEVER LIMITED, OF 165-166 BACKBAY RECLAMATION, BOMBAY-1, INDIA.

Inventors: UNILEVER LIMITED AND ALAN JOHN CLARK.

Application No. 22/Bom/73 filed January 15, 1973.

Convention date January 20, 1972 (2840/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 12 Claims, No drawings

A substantially non-staining aerosol antiperspirant composition comprising an antiperspirant agent and 2-ethyl-1, 3-hexane diol as an emollient substance or dispersant.

CLASS 69L & 195B, I.C.-F15b 15/00, H01h

138619

13/52, 35/54, F16K 29/00.

A DEVICE FOR ACTUATING PRESSURE-OPERABLE MECHANISMS.

Applicants & Inventors: RANGASWAMY NAIDU BALASUNDARAM AND RANGASWAMY NAIDU DORAISWAMY, BOTH OF RAILWAY STATION ROAD, PERTIYA-NAICKENPALAYAM, COIMBATORE-641 020, TAMIL NADU, INDIA.

Application No. 38/Mas/74 filed March 1, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

### 3 Claims

A device for actuating pressure-operable mechanisms comprising a housing provided at one end thereof with a first opening for entry of fluid and at the opposite end thereof with a second opening; a diaphragm constituted by a flexible sheet accommodated within the housing with one surface of said sheet disposed over the first opening for receiving the thrust of said fluid thereon; a ring-shaped member threadedly engaging the internal periphery of the housing so as to press down upon the said diaphragm around the first opening and thus to prevent the said fluid from passing beyond said diaphragm; an actuating member, the first extremity thereof being attached to the other surface of the said sheet with the second extremity thereof projecting out of the second opening; a spring which, in its compressed state, is capable of exerting of force, on the actuating member, opposed to the thrust of said fluid on said diaphragm; a closure member in which the actuating member is received with the second extremity thereof protruding out therefrom, said closure member threadedly engaging the second opening of the housing so as to compress the said spring, the arrangement being such that the whenever the thrust exerted by the said fluid on the diaphragm, against the force exerted by the said spring is sufficient to cause the actuating member to move outwardly, the second extremity thereof is enabled to actuate a pressure-operable mechanism located on the path of movement of the said actuating member.

CLASS 166A+B. I.C.-B63b 1/14, 35/28, 35/34. 138620

### A TWIN HULL BARGE CARRIER VESSEL.

Applicants & Inventor: VIJAM JOSHUA OF STEELFAB ENGINEERS, 202, POONAMALLEE HIGH ROAD, MADRAS-600029, TAMIL NADU, INDIA.

Application No. 43/Mas/74 filed March 6, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

### 4 Claims

A twin hull barge carrier vessel comprising two laterally disposed hulls spaced from each other, each of said hulls being provided with ballast-tanks for enabling water to be pumped into, and out of, such tanks to ballast and unballast the hulls; at least one intermediate coupling member spanning the distance between, and movably connected to, the hulls so as to permit the said hulls to "roll" independently of one another on water, the said member being positioned such that, with the hulls simultaneously unballasted, it is enabled to carry at least one barge thereon sufficiently above the water-surface so as not to offer resistance to the movement of the vessel and such that, with the hulls simultaneously ballasted, the said member is caused to submerge in water so as to render the barge afloat, thus permitting the said barge to be unloaded from and loaded on to, the said member by simultaneously ballasting and unballasting the said hull.

### OPPOSITION PROCEEDINGS

An opposition has been entered by Bristol-Meyers Company to the grant of a patent on application No. 122801 made by Beecham Group Limited.

### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two Rupees per copy:—

96317 98662 98978 99092 99093 99316 99373 99447 99473  
99536 99544 99581 99584 99591 99648 99653 99683 99685  
99735 99824 99858 99870 99913 99999 100032 100133 100451  
100492 100604 101012 101031 101043 101061 101073 101078  
101082 101126 101133 101164 101165 101167 101170 101176  
101184 101195 101205 101206 101216 101223 101236 101240

101241 101243 101250 101257 101271 101317 101328 101357  
101363 101416 101430 101439 101452 101493 101536 101601  
101618 101659 101673 101775 101796 101826 101890 102020  
102032 102161 102188 102232 102268 102359 102513 102654  
102709 102747 102844 103262 103344 103426 103491 103572  
103818 103914 104331 106090 108071.

### PATENTS SEALED

100317 113783 122257 125509 126043 126706 128271 134572  
136502 136503 136647 136674 136676 136817 136824 136850  
136926 136940 136955 136964 136973 136975 136985 136991  
136998 137003 137039 137105.

### AMENDMENT PROCEEDINGS UNDER SECTION 57

#### (1)

Notice is hereby given that Hindustan Antibiotics, Ltd., Pimpri, Poona-18, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 75610 for "Improvement in the process for the preparation of substances having  $\beta$ -lactam thiazolidine structure related to penicillin". The amendments are by way of deletion of claim 11 from the specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

#### (2)

Notice is hereby given that Universal Oil Products Company now-renamed UOP Inc., a corporation duly organised under the laws of the State of Delaware, of 10 UOP Plaza-Algonquin & Mt Prospect Roads, Des Plaines, State of Illinois, United States of America have made an application under Section 57 of the Patents Act, 1970 for amendment of application, Specification & drawings of their application for Patent No. 137818 for "Conversion of asphaltene-containing charge stock". The amendments are by way of correction of name of the applicants from "Universal Oil Products Company" to "UOP Inc." The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of the opposition it shall be left within the one month from the date of filing the said notice.

#### (3)

Notice is hereby given that Universal Oil Products Company now-renamed UOP Inc., a corporation duly organised under the laws of the State of Delaware, United States of America, of No. 10 UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, States of Illinois, United State of America have made an application under Section 57 of the Patents Act, 1970 for amendment of application, specification and drawings of their application for patent No. 138167 for "A method for the reforming of hydrocarbons". The amendments are by way of amendment of name of the applicants from "Universal Oil Products Company" to "UOP Inc." The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same

can be had on payment of the usual coping charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(4)

The amendments proposed by International Nickel Limited in respect of patent application No. 133813 as advertised in Part III, Section 2 of the Gazette of India dated the 11th October 1975 have been allowed.

### COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146 (2) of the Patents Act, 1970, in respect of Calendar year 1974 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief Title of the Invention
(1)	(2)	(3)	(3)	(5)
1.	68268	3-7-59	Ajinomoto Co. Inc., & Sanraku Distillers Co., No. 7, 1-chome, Takare-cho, Chuo-ku, Tokyo, Japan.	L- Glutamic acid.
2.	69575	3-11-59	Toyo Rayon Co. Ltd., now known as Toray Industries Inc., No. 1, 2-chome, Nihonhashi-Muromachi, Chuo-ku, Tokyo, Japan.	Crepe-like fabrics with synthetic filaments.
3.	75278	9-2-61	Ishikawajima-Harima-Jukogyo Kaisha, 4, Ohtomachi 2-chome, Chiyoda-Chiyoda-ku, Tokyo, Japan.	Nitride bearing low carbon ductile steels.
4.	75661	20-4-72	Sankyo Company Ltd., No. 16, 3-chome, Nihonbashi Hon-cho, Chyuo-ku, Tokyo, Japan.	Thiamine derivatives.
5.	75731	20-4-72	The Wellcome Foundation Ltd, 183-193 Euston Rd, London, N.W.1.	O-Methylsychotrine or 2-dehydro-o-methyl psychotrine and reducing the same to give emotine or 2-dehydro emitine.
6.	77755	20-4-72	Sempa-Chimie, 20 rue des Fosses Saint-Jacques, Paris, France.	Codeinone from the baino.
	78012	28- 4-72	Fujisawa Pharmaceutical Co. Ltd., No. 3, 4-chome, Dasho-machi, Higashi-ku, Osaka, Japan.	Derivatives of vitamins B2 on its 0 substituted compounds.
8.	78481	20-4-72	Farbenfabriken Bayer AG, 22C, Leverkusen-Bayerwerk, Federal Republic of Germany.	Substituted sulfonamides.
9.	78501	20-4-72	Herchel Smith, Organic Chemist, of 500 Chestnut Lane, Wayne, Delaware County, Pennsylvania, U.S.A.	Steroidal compounds.
10.	78502	20-4-72	Do.	Steroid substances.
11.	78818	20-4-72	Egyesult Gyogyszer-Es Tapszergyar, 30-38, Kereszturi ut, Budapest X, Hungary.	New P-alkyl-benzyl tropinium derivatives.
12.	79439	21-11-61	Fried krupp Hutterwerke AG., Rheinhausen, West Germany.	Degasification of metal.
13.	79443	20-4-72	Pfizer Inc, 235 East 42nd St, New York, U.S.A.	6-methylenc-5-oxytetracycline.
14.	80348	20-4-72	Parke, Davis & Company, Joseph Campau Avenue at the River, Detroit, Michigan, U.S.A.	Process for the production of salts of 4, 6 diamino-1, 2-dihydro-2-lower alkyl-1-aryl-0-triazine with 4, 4-methylene bis (3-hydroxy-2-napthonic acid).
15.	80931	20-4-72	Rhone-Poulenc S. A., 21 rue Jean-Goujon, Paris 8e, France.	New antibiotic designated 9671 P.P.
16.	80985	20-4-72	Dr. Karl Thomae Gesellschaft Mit Beschränkter Haftung, of Biberach an der Riss, Federal Republic of Germany.	Novel derivatives of piperidine.
17.	81034	1-3-62	Aktiobolaget Kanthal, of Stallstahammar, Sweden.	Heat resistant and oxidation proof materials.
18.	81170	20-7-72	Henri Morren, Dr. Sc., 171, Avenue Jupiter, Forest-Brussels, Belgium.	New piperazine derivatives.



(1)	(2)	(3)	(4)	(5)
19.	81433	20-4-72	Karamchand Premchand Pvt. Ltd., Post Box No. 28, Ahmedabad, Gujarat State.	4-quinazolinone derivatives.
20.	81465	20-4-72	Eli Lilly and Company, 740 Alabama Street, Indiana-polis, Indiana, U.S.A.	7-aminocephalosporanic acids.
21.	82373	20-4-72	Pfizer Corporation, Calle 15-1/2 Avenida Santa Isabel, Colon, Panama.	2-0 0-3 (N, N disubstituted carboxamide) —1, 2, 3, 4, 6, 7 hexahydro 11 b. H. benzopyridocoline.
22.	82472	20-4-72	Eli Lilly and Company, 740 South Alabama Street, Indianapolis 6, Indiana, U.S.A.	New cephalosporin compounds.
23.	83742	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	N-alkylamino alkyl benzylamines.
24.	83743	20-4-72	Do.	New amides of pharmacological interest, derived from benzylamines.
25.	83779	20-4-72	Do.	Novel hetero cyclic amides.
26.	83879	25-8-72	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Alpha-haloacetamides.
27.	83900	28-8-62	Do.	Aqueous detergent slurry composition.
28.	83945	9-2-61	Ishi Kawajima-Harmia Jukogyo Kabushiki Kaisha, of 4, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, Japan.	Heat treatment for nitride-bearing low-carbon ductile steel.
29.	83946	9-2-61	Ishi Kawajima-Harmia Jukogyo Kubushiki Kaisha, of 4, Ohtemachi-2-shome, Chiyoda-ku, Tokyo, Japan.	Nitride bearing ductile steel.
30.	84091	20-4-72	Eli Lilly and Company, 740 South Alabama St., Indianapolis 6, Indiana, U.S.A.	Antibiotics of the cephalosporin type.
31.	84235	20-4-76	Deutsche Go-Und etc., of 9, Weissfrauenstrasse, Frankfurt/(main), Federal Republic of Germany.	Azaphenthiazines.
32.	84737	23-10-62	Production Technology Inc., 6513 Galena Road, Peoria, State of Illinois 61614, U.S.A.	Bonding.
33.	84827	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	N-haloacyl-1, 2-diphenylethylamines.
34.	84828	20-4-72	Do.	Separation of psoralen and isopsoralen from a mixture of psoralen-isopsoralen.
35.	85125	20-4-72	Parke, Davis & Company, Joseph Campsu Avenue at the River, Detroit, Michigan, U.S.A.	N-(2,3 dimethylphenyl) antarafasic acid.
36.	85860	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	2, 3 substituted 4 (34) quinazolones of Pharmacological interest.
37.	85938	20-4-72	Novo Terapeutisk Laboratorium A/S, 115 Fuglebakkevej, Copenhagen, Denmark, 215 Nordre Fasanvej, 215, DK-220 Copenhagen, Denmark.	Amino alkylation of aromatic or aromatic hetero cyclic secondary amines.
38.	86113	20-4-72	Sherico Ltd., of Topferstrasse 5, Lucerne, Switzerland.	Hydrohalogenation of 9, 11-epoxy steroids.
39.	86155	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Preparation of substituted phenothiazines.
40.	86824	20-4-72	Fujisawa Pharmaceutical Company Ltd., No. 3, 4-chome, Doshomachi, Higashi-ku, Osaka, Japan.	Salts of 4-amino 5-imidazolecarboxamide with an organic acid.
41.	87536	20-4-72	Nristol-Myers Company, Thompson Road, East Syracuse, New York, U.S.A.	Pencillins.
42.	87957	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.	Levan or like poly saccharides by fermentation.
43.	88014	17-5-63	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Detergent composition.
44.	88118	24-5-63	Do.	Coating compositions.

(1)	(2)	(3)	(4)	(5)
45.	88403	13-6-63	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Rigid polyvinyl chloride compositions.
46.	89012	20-4-72	Rhone-Poulenc S. A., 22 Avenue Montaigne, Paris, France.	Steroid components.
47.	89390	13-8-63	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Herbicidal compositions containing alkenyl thiolcarbamates.
48.	89436	20-4-72	Chinoin Gyogyszer-es vegyeszeti Termek Gyarn RT., of 1-5, Tó utcán Budapest IV, Hungary.	New propylamine derivatives.
49.	90014	25-9-63	Toyo Rayon Co. Ltd., now known as Toray Industries Inc., of No. 2, 2-chome, Nihon bashi, Muromachi, Chuo-ku, Tokyo, Japan.	Crepe-like-fabric by use of false twisted crimped yarns.
50.	90071	20-4-72	Scherico Ltd, Topferstrasse 5. Lucerne, Switzerland.	Novel antibiotics.
51.	90746	20-4-72	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W.1, England.	Napthalene derivatives
52.	92278	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	N-substituted 1, 2-diphenylethyl amine derivatives.
53.	92687	20-4-72	American Cyanamid Co., Berden Avenue, Tourship of Wayne, New Jersey, USA.	Pregnadienes.
54.	92713	11-3-63	Common Wealth Scientific Industrial and Research Organisation, 314 Albert St., East Melbourne, in the State of Victoria, Commonwealth of Australia.	Deminerlization of water by ion-exchange resins.
55.	92978	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Solasodine from solanum aviculare leaves.
56.	93331	25-8-62	Monsanto Compaby, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Herbicidal composition.
57.	93609	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Trialkyl gallates of 1-hydroxyalkyl 1, 2, 3, 4-tetrahydroquinolines.
58.	93611	20-4-72	Do.	Hetero cyclic amides.
59.	93832	28-8-62	Monsanto-Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Inorganic phosphate compositions.
60.	93957	27-5-64	Do.	Mineral reinforced polymeric compositions.
61.	94878	20-4-72	Eli Lilly and Company, 740 South Alabama St, Indianapolis, Indiana, U.S.A.	Method of preparing testosterone esters.
62.	96124	19-10-64	Nippon Kakoh Seishi Kabushiki Kaisha, of No. 2, Kamijuyomachi, Kita-ku, Tokyo, Japan.	Foamed polyethylene.
63.	96655	23-11-64	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri, 63166, U.S.A.	Monomeric aromatic azo-alkine compound and herbicidal compositions containing the same.
64.	96757	30-11-64	Do.	Polymerization of lactanes.
65.	96816	2-12-64	Do.	Herbicidal compositions containing 2-halo-acetamitides.
66.	97212	20-4-72	The Wellcome Foundation Ltd., 183-193 Euston Rd, London. N.W.1.	Guanidine.
67.	97337	20-4-72	Sun Research & Development Co, of 1608 Walnut Street, City of Pennsylvania, U.S.A.	Salicyclic acid.
68.	97539	20-4-72	Richardson-Merrell Inc., 122 East 42nd St, New York-17, State of New York, U.S.A.	Coating tablets.

(1)	(2)	(3)	(4)	(5)
69.	97558	20-4-72	Richter Gedeon Vegyeszeti Gyar Rt, 63, Oser- kesz utca, Budapest X, Hungary.	Preparation of ergot alkaloids by biosyn- thesis.
70.	97704	20-4-72	National Research Development Corp, 1, Tilney St, London W-1, England.	Anti conculant material.
71.	98240	2-3-65	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Herbicidal N, N-diacylanilide.
72.	98241	2-3-65	Do.	Herbicidal N-formyl 2-haloacetamides.
73.	98558	20-4-72	Parke, Davis & Company, Joseph Campau Avenue at the Riverm Detroit, Michigan, U.S.A.	New nitrostilbene compounds and salts, thereof.
74.	98567	22-3-65	Plastics Kogyo Co Ltd., of No. 1366, 3- chome, Kamlacki-cho, Kawaguchi-city, Saitama, Pref, Japan.	Synthetic resien tubes.
75.	98651	20-4-72	Eli Lilly & Co, 740 South Alabama St, City of Indiana-polis, State of Indiana, U.S.A.	Dihydro compounds and acid addition salts thereof.
76.	99187	20-4-72	Archer Daniels Midland Co, 733 Marquette Avenue, Munneapolis, Minnesota, U.S.A.	Expanded protein food products.
77.	99586	20-4-72	Council of Scientific & Industrial Research, Rafi Marg, New Delhi-1.	5-nitrofur furaldehyde.
78.	100303	28-6-65	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Free flowing acid compositions.
79.	100304	28-6-65	Do.	Free flowing cold water soluble acid compositions.
80.	100329	20-4-72	Stamicarbon N. V., Van der Maesenstraat 2, Heerlen, The Netherlands.	Methionine.
81.	100565	20-4-72	Do.	Optically active pyrroidene carboxylic acid.
82.	101244	20-4-72	Kraues-Maffei, of Munchen-Allach, Federal Republic of Germany.	Production of an edible material from cocoanuts.
83.	101623	20-4-72	National Research Development Corp., Kingsgate House, 66-74 Victoria St, London S.W. 1, England.	Anti-typhoid or anti-para typhoid vaccines.
84.	101713	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	2-3 diphenyl benzo furmas.
85.	101823	30-9-65	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Coating compositions containing cross linkable polyamides dissolved in phenolic solutions.
86.	101859	20-4-72	Kabushiki Kaisha Yakult Honsha, No. 6, 3- chome, Nihonbashi, Hon-cho, Chou-ku, Tokyo, Japan.	Industrial cultivation of unicellular green algae.
87.	101860	20-4-72	Do.	Industrial cultivation of unicellular green algae such as chlorella.
88.	101981	20-4-72	Societe Financiere UCB, Luxemburg, 2bis Boulevard Royal, Luxemburg, Grand Duchy of Luxemburg.	Water soluble extracts of flavour contain- ing legumes.
89.	102095	20-4-72	Pfizer Inc, 235 East 42nd St, New york-17, State of New York, U.S.A.	Producing streptomycin or hydroxy streptomycin.
90.	102158	20-4-72	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W.1, England.	Purification of impure halothane.
91.	102335	2-11-64	Sankyo Company Ltd., No. 1-6, 3-chome, Nihonbashi Honcho, Chou-ku, Tokyo, Japan.	Agricultural fungicidal compositions.
92.	102652	23-11-65	Hydrocarbons Research Inc, 115 Broadway, New York, N. Y., 10006, U.S.A.	Hydrogenation of recovery of hydrogen therefrom.

(1)	(2)	(3)	(4)	(5)
93.	102758	30-11-65	Production Technology Inc 6513 Galena Road, Peoria, State of Illinois, 61614, U.S.A.	Bonding.
94.	103114	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	6-substituted amino-6, 7, 8, 9-tetrahydro-5h, benzocyclo-heptan-5-ols.
95.	103136	27-5-64	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Polyamides containing silane end groups.
96.	103168	20-4-72	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London S.W.1, England.	Purification of impure halothane.
97.	103331	6-1-65	Western Titanium N. L., 100 Collins Street, Melbourne in the State of Victoria, Commonwealth of Australia.	Treatment of a heavy mineral concentrate for the purpose of removing surface staining.
98.	103779	5-2-66	Chiyoda Kako Kensetsu Kabushiki Kaisha, No. 12, 3-chome, Akasaka-Tamachi, Minato-ku, Tokyo, Japan.	Methallyl chloride.
99.	104147	2-3-66	Elmer John Brant and another, 34 Miramonte Drive Moraga, California, U.S.A.	Organic fluorescent colorants for increasing the growth of plants.
100.	104518	24-3-66	Choyoda Kako Kemsetsu Kabushiki Kaisha, No. 12, 3-chome, Akasaka-Tamachi, Minato-ku, Tokyo, Japan.	Epoxy resin condensates.
101.	104950	20-4-72	Parke, Davis & Company, Joseph Campau Avenue at the River, in the City of Detroit, State of Michigan, U.S.A.	2-phenoxy-2-phenylacetamides.
102.	105120	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	N-alkylamine alkyl-benzylamines.
103.	105276	20-4-72	Jean Boige, 53 Avenue Veringetorix, Aulnay-sous-Bois, St. Denis, France.	Hydroxocobalamine from cyano cobalamine.
104.	105334	20-4-72	Pfizer Inc, 235 East 42nd St, New York-17, State of New York, U.S.A.	2-bicyclic amidines & salts thereof.
105.	105812	20-4-72	Kyowa Hakko Kogyo Co Ltd., 4, Ohtemachi-1-chome, Chiyodaku, Tokyo, Japan.	Production of L-lysine by fermentation.
106.	106076	7-7-66	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Alkenyl thiolcarbamates and herbicidal compositions containing same.
107.	106390	20-4-72	Pfizer Inc, 235 East 42nd St, New York-17, State of New York, U.S.A.	Aminomethyl indoles.
108.	106664	20-4-72	E.R. Squibb & Sons Inc, 745 Fifth Avenue, New York, New York 10022, U.S.A.	Solid phase synthesis of peptides.
109.	106748	23-8-66	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Herbicidal compositions.
110.	106850	20-4-72	Centre National De La Recherche Scientifique and another, of 15 quai Anatole France, Paris, France.	New derivatives of phenylbutazone.
111.	107009	12-9-66	Osterreichisch-Amerikanische Magnesit Aktiengesellschaft, A-9545 Radenthein, Austria.	Fired refractory magnesite chrome and chrome-magnesite bricks.
112.	107626	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Preparation of homatropine and its hydrobromide.
113.	108104	22-11-66	Nippon Kakoh Seishi Kabushiki Kaisha, of No-10-36, Higashi Jujo, 3-chome, Kita-ku, Tokyo, Japan.	Treating a polymer film to give opacity thereof.
114.	108139	20-4-72	Pfizer Inc, 235 East 42nd St, New York-17, State of New York, U.S.A.	Tetracycline.
115.	108387	20-4-72	Ceskoslovenska AKD, Ved, Praha, Czechoslovakia.	Preparation of culture for the production of a new antifungal antibiotic.
116.	108684	2-1-67	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Inhibition of the premature vulcanisation of rubber.

(1)	(2)	(3)	(4)	(5)
117.	108962	20-1-67	Nippon Kakoh Seishi-Kabushiki Kaisha, 10-36, Higashi Jujo 3-chome, Kitaku, Tokyo, Japan.	Synthetic paper.
118.	109021	25-1-67	Mississippi Chemical Corporation, at Highway 49 East, Fazo City, State of Mississippi, U.S.A.	Stabilised ammonium nitrate compositions.
119.	109119	31-1-67	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Alpha-chloroacetamides and phytotoxic compositions.
120.	109451	20-4-72	Jean Boige, 53 Avenue Vercingetorix, Aulnay-Sous-bois, Seine St-Denis, France.	Hydroxo cobalamin.
121.	110249	20-4-72	Sumitomo Chemical Co Ltd, 15 Kitahama-5-chome, Higashiku, Osaka, Japan.	B-methylmer-Captopropinal dehyde.
122.	110376	20-4-72	Do.	Do.
123.	110430	29-4-66	Commonwealth Scientific and Industrial Research Organisation, 314 Albert St, East Melbourne in the State of Victoria, Commonwealth of Australia.	Anosovite from titaniferous minerals.
124.	110573	20-4-72	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Purification of enzyme inhibitors.
125.	110859	20-4-72	American Cyanamid Co, Burden Avenue, Township of Wayne, State of New Jersey, U.S.A.	D-2, amino-1-butanol or the acid tartarate thereof
126.	110991	6-6-67	N. L. Industries Inc, 111 of Broadway New York, New York 10006, U.S.A.	Magnesium metal from magnesium chloride.
127.	111184	21-6-67	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Reinforced polyamides.
128.	111342	20-4-72	Stamicarbon N. V., Van der Macsenstraat 2, Heerlen, The Netherlands.	Methionine.
129.	111347	20-4-72	Sumitomo Chemical Co Ltd, 15 Kitahama-5-chome, Higashiku, Osaka, Japan.	Alpha-amino acid.
130.	111500	20-4-72	The Wellcome Foundation Ltd, 183-193 Euston Road, London, N. W. 1.	Substituted pyrazole derivatives.
131.	111664	20-4-72	Kilco Chemicals Ltd., 374, Shankill Road, Belfast, 13, Northern Ireland.	Iodophar dairy sanitants.
132.	111703	20-4-72	Spezialchemie GmbH & Co, Zschokkenstrasse 36, Munchen 12, Federal Republic of Germany.	B-methoxy-or-B-ethoxy-crotonic acid esters.
133.	111920	20-4-72	Sumitomo Chemical Co Ltd, 15 Kitahama-5-chome, Higashiku, Osaka, Japan.	Db-methionine composition.
134.	111973	20-4-72	Pfizer Inc, 235 East 42nd Street, New York, New York, U.S.A.	6-Epi-6-deoxy-5-oxytetra-cycline.
135.	112177	30-8-67	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Composition for increasing the sugar content of sugarcane.
136.	112409	20-4-72	American Home Products Corporation, 685 Third Avenue, New York-17, New York U.S.A.	Nitroalkanoates.
137.	112530	20-4-72	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	OO-dimethy-hayatin dimathichloride.
138.	112868	20-4-72	Boehringer Ingelheim GMBH, Ingelheim am Rhein, Federal Republic of Germany.	2-arylamino 1, 3-diaza cycloalkanes (2).
139.	112983	20-4-72	Pfizer Inc, 235 East 42nd St, New York-17, State of New York, U.S.A.	Substituted quinoxalines or quinolines or isoquinolines.
140.	112997	20-4-72	Do.	Carbomycin A.

(1)	(2)	(3)	(4)	(5)
141.	113036	30-7-68	Regional Research Laboratory, Jorhat-6 (Assam)	Dissolving grade pulp from bamboo.
142.	113605	20-4-72	Spezialchemia GmbH & Co, Munich, Federal Republic of Germany.	Kavain and substituted products of kavain.
143.	113926	20-4-72	Sankyo Company Ltd, 1-6, 3-chome, Nihon- bashi Hon-cho, Chyuo-ku, Tokyo, Japan.	Method of stabilizing aqueous solution of amylolytic enzymes.
144.	114255	20-4-72	Pfizer Inc, 235 East 42nd Street, New York- 17, State of New York, U.S.A.	1,4,5, 6-tetrahydro-2 [(substituted) Pyrimidines] and [2-substituted Vinyl] -2-imidazolines.
145.	114356	20-4-72	Do.	Alpha-6 deoxytetracyclines.
146.	114642	20-2-68	Snam Progetti S. p. A., 16, Corso Venezia, Milan, Italy.	Ethylene oxide.
147.	114741	26-5-66	Monsanto Company, 800 North Lindbergh Bulevard, St. Louis, Missouri 63166, U.S.A.	Sulfonamide compounds.
148.	114911	20-4-72	Stamicarbon N. V., Van der Maesenstraat, 2, Heerlen, The Netherlands.	Optically active methionino amide or a compound thereof.
149.	115036	20-4-72	Pfizer Inc, 235 East 42nd Street, New York, New York, U.S.A.	Refining of A-6-deoxy-5-oxy-tetracycline.
150.	115072	20-4-72	Richardson-Marroll S.p.A., 24, Via Fra Giovanni Angelico, Firenze, Italy.	En-Amino derivatives.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.  
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

70325 M/s. Indian Head Inc.

133734 M/s. Ciba-Geigy (UK) Limited.

70674  
70675  
70676  
72624  
75056  
75218  
75679  
75910  
76244  
77200  
80157  
86851  
89168  
89816  
92134  
92143  
92571  
93191 M/s. Saint-Gobain.  
93290  
98806  
100617  
105892  
106036  
109671  
115406  
115896  
119584  
120593  
120594  
121180  
121946  
123038  
124441  
125741  
125908

## RENEWAL FEES PAID

75086 75252 75329 75397 75430 75679 76036 76071 76178  
76244 81048 81072 81139 81200 81430 81673 81817 81929  
83255 83281 86365 86370 86399 86480 86493 86748 86851  
91027 91662 91918 91969 91995 92080 92129 92157 92192  
92260 92423 92427 92445 92475 92488 92490 92571 92643  
92885 92893 92894 92996 93417 94349 95218 95276 97562  
97608 97655 97898 97899 97916 97932 97982 98103 98293  
98448 98449 98698 98767 99083 99988 100174 102463 103573  
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104445 104504 104797 107482 109094 109132 109172 109232  
109340 109383 109386 109394 109549 109695 109834 109836  
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114300 114301 114325 114359 114442 114477 114529 114531  
114557 114568 114574 114613 114632 114652 114683 114700  
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125447 125453 125459 125654 125695 125741 125776 125812  
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130401 130410 130418 130588 130617 130681 130686 131103  
132083 132165 132654 132803 133853 134368 134380 134420  
134451 134473 134474 134491 134502 134507 134524 134551  
134573 134616 134641 134662 134741 134759 134783 134785  
134839 134855 134859 134876 135013 135069 135139 135180  
135558 135559 135634 135718 135947 136080 136255 136463  
136500 136527 136630 136675 136787 136842 136860 136883.

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 134231 granted to Industries Pirelli Societa Per Azioni for an invention relating to "Stitching apparatus for tyre-building machines having a building drum". The patent ceased on the 10th January, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 25th October, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 28th April, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## (2)

Notice is hereby given that an application for restoration of Patent No. 118694 dated 21st November, 1968 made by Ralston Purnia Company on the 1st November, 1974 and notified in the Gazette of India, Part III, Section 2 dated the 4th January, 1975 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 143148. Gaur Engineering Works, National Road, Kapoor Bhawan, Ghumar Mandi, Ludhiana-141001 (Punjab), India, an Indian proprietor concern. Indian Nationals. "Fastner". June 27, 1975.

Class 3. Nos. 143082 & 143083. Mettur Beardsell Limited (a public limited Company incorporated in India), 3rd Floor, Bombay Mutual Building, N.S.C. Bose Road, Madras-600001, Tamil Nadu, Indian National "Tiles". June 2, 1975.

Class 3. No. 143350. Vilas Anandrao Kale, of 8, Kalidas Pasitundi Lane, Kalighat, Calcutta-700026, State of West Bengal, India, an Indian Citizen. "Torch". August 25, 1975.

Class 3. No. 143356. Chhamma Plastic Industries, a partnership firm registered under the Indian Partnership Act, 1932, C-81, Pandow Gali No. 8, p. B. Silam Pur, Shahdara-Delhi-110032. Indian National. "Chappal sole". August 26, 1975.

Class 4. Nos. 143314 & 143316. The Mahalakshmi Glass Works Private Limited (a private limited company incorporated under the Indian Companies Act) at Dr. E. Moses Road, Jacob Circle, Bombay-400 011. Maharashtra, India. "Bottle". August 12, 1975.

CANCELLATION OF THE REGISTRATION OF DESIGNS  
Section 51A

The application made by Paros Electronics Private Ltd. for cancellation of the registration of Design No. 141937 in the name of Weston Electronics Private Ltd. which was notified in the Gazette of India, Part III, Section 2, dated the 3rd May 1975 has been dismissed.

S. VEDARAMAN,

Controller-General of Patents,  
Designs and Trade Marks

